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ties of heating) tr. by J. H. van Santen. 18p. (foreign
text included). 10 refs. MTWL: 705. (Text in Dutch).
Order from OIS or EIC \$1.85 61-17328

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DESCRIPTORS: Steel. *Austenite. *Pearlite. Phase
transitions. Heating.

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Scientific - Electricity

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OF GEOMETRICAL OPTICS ON THE BASIS OF THE
ASYMPTOTIC TREATMENT OF DIFFRACTION
PROBLEMS. [1961] 21p. (2 figs. omitted) 3 refs.
Order from OTS or SLA \$2.61 62-10477

Trans. of Zhurnal Tekhnicheskoi Fiziki (USSR)
1952, v. 22, no. 3, p. 394-407.

DESCRIPTORS: *Diffraction, *Optics, Surfaces,
Electromagnetic fields, *Reflection, Theory, Math-
ematical analysis, Integral equations, Electromag-
netic waves reflection.

The derivation of an asymptotic equation for the sur-
face integrals from the oscillating functions (the
method of the stationary phase) is considered. By the
use of the equation obtained, the relation between the
laws of reflection of geometrical optics and the laws
(Physics--Optics, TT, v. 7, no. 10) (over)

I. Kontorovich, M. I.
II. Murav'ev, Yu. K.

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Sci Mus Lib Tr 57/3671
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~~Apr~~

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